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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/775,350	02/10/2004	Fridtjof Lechhart	2000.160	1165
29494	7590	05/04/2005	EXAMINER	
ROBERT H. HAMMER III, P.C. 3121 SPRINGBANK LANE SUITE I CHARLOTTE, NC 28226			KAVANAUGH, JOHN T	
		ART UNIT		PAPER NUMBER
				3728

DATE MAILED: 05/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)
	10/775,350	LECHHART ET AL.
	Examiner Ted Kavanaugh	Art Unit 3728

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_.
- 2a) This action is **FINAL**.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-13 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_ is/are allowed.
- 6) Claim(s) 1-13 is/are rejected.
- 7) Claim(s) \_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.
 

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_.

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-4 are rejected under 35 U.S.C. 102(b) as being anticipated by Patent Appl. Pub. No. 2002/0100187 (Polegato).

Polegato teaches a breathable sole comprising an insole with a plurality of holes (insole 17), an outsole with a plurality of holes (tread sole 13), a functional membrane system (midsole/insert) having a microporous hydrophobic membrane (222b; see figure 3bis and paragraphs #68-71) and a microporous hydrophilic membrane (222c; see figure 3bis and paragraphs #68-71).

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 5-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Polegato '187.

Polegato teaches a breathable sole (see the details above) except for the materials as claimed and the more specific parameters of the hydrophilic and

hydrophobic membranes. Polegato is silent with regard to the more specific parameters of the hydrophilic and hydrophobic membranes. It would have been obvious to one having ordinary skill in the art at the time the invention was made to construct the membrane out of the materials as claimed, since it has been held to be within the general skill of a worker in the art to select a known material on the basis of its suitability for the intended use as a matter of obvious design choice. *In re Leshin*, 125 USPQ 416. Regarding the other specific parameters of the membranes (claims 5-9), it would appear to be an obvious design choice to construct the membranes with parameters as claimed inasmuch as a number of different characteristics would appear to be suitable depending on the individual wearer, the activity for be used for and the type of material. Since the applicant has not demonstrated or even alleged that these specifically claimed parameters for hydrophilic and hydrophobic membranes produces unexpected results, it is our conclusion that it would have been obvious for an artisan with ordinary skill to determine a workable or even optimum parameters for the membranes and thereby arrive at the specific variables claimed by the applicant.

### ***Conclusion***

**5. Applicant is duly reminded that a complete response must satisfy the requirements of 37 C.F. R. 1.111, including:**

–“The reply must present arguments pointing out the *specific* distinctions believed to render the claims, including any newly presented claims, patentable over any applied references.”

–“A general allegation that the claims define a patentable invention without specifically pointing out how the language of the claims patentably distinguishes them from the references does not comply with the requirements of this section.”

–Moreover, “The prompt development of a clear issue requires that the replies of the applicant meet the objections to and rejections of the claims.

**Applicant should also specifically point out the support for any amendments made to the disclosure. See MPEP 2163.06" MPEP 714.02. The "disclosure" includes the claims, the specification and the drawings.**

6. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). Other useful information can be obtained at the PTO Home Page at [www.uspto.gov](http://www.uspto.gov).

In order to avoid potential delays, Technology Center 3700 is encouraging FAXing of responses to Office Actions directly into the Center at (703) 872-9306 (FORMAL FAXES ONLY). Please identify Examiner Ted Kavanaugh of Art Unit 3728 at the top of your cover sheet.

Any inquiry concerning the MERITS of this examination from the examiner should be directed to Ted Kavanaugh whose telephone number is (571) 272-4556. The examiner can normally be reached from 6AM - 4PM.



Ted Kavanaugh  
Primary Examiner  
Art Unit 3728

TK  
May 1, 2005